H 125-35

CRGO performance data

Query summary

Grade	H 125-35
Mill and thickness	thyssenkrupp Electrical Steel · 0.35 mm
Published frequency	50 Hz / 60 Hz
Published flux density range	1.7 T
Distinct flux density levels	1
Properties	Specific core loss · Magnetic polarization

50 Hz performance

Table 01 · SST (IEC 60404-3) with published conversion · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.25

60 Hz performance

Table 02 · SST (IEC 60404-3) with published conversion · B or J not reported

Peak flux (T)	Specific core loss Guaranteed maximum · W/kg
1.7	1.64

Other properties

Frequency not separately reported
Table 03 · SST (IEC 60404-3) with published conversion

Field strength (A/m)	Magnetic polarization Guaranteed minimum · T
800	1.88

A dash indicates a value that was not published.

Manufacturer sources and test conditions

Use table and row references to find the original test conditions.

thyssenkrupp Electrical Steel

powercore® grain oriented electrical steel – Product range

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powercore magnetic properties (IEC 60404-8-7) · SST (IEC 60404-3) with published conversion

Notes on test conditions Mill publishes SST values after converting losses at 1.7 T by 0.925 (IEC 60404-8-7) and J800 by 1.01. Grades are laser domain refined unless otherwise agreed; guaranteed properties require written agreement.

Independent compilation

Compiled by Chenfan Electric from published mill data. No manufacturer endorsement.
Mill specifications and written order terms govern acceptance. Typical and reference values are for assessment.
Strip data are for engineering reference. Finished-core loss requires separate validation.
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